



# आरत का राजपत्र

## The Gazette of India

प्राधिकार से प्रकाशित  
PUBLISHED BY AUTHORITY

[भाग - २४]

नई दिल्ली, बालियार, जून 14, 1975 (ज्येष्ठ 24, 1897)

No. 24]

NEW DELHI, SATURDAY, JUNE 14, 1975 (JYAISTHA 24, 1897)

इस भाग में निम्न पृष्ठ संख्या वाली जाती है जिसमें कि यह अलग संख्याएँ उप में रखा जा सके।  
Separate paging is given to this Part in order that it may filed as a separate compilation.

## भाग III—पृष्ठ 2

## PART III—SECTION 2

नोटिस कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बंधित अधिकृत घोषणाएँ और नोटिस

## Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE  
PATENTS & DESIGNS  
Calcutta, the 14th June 1975

## CORRIGENDUM

In the Gazette of India, Part III, Section 2, dated the 10th May, 1975 under the heading "Patents Deemed to have been endorsed" with the words 'Licences of Right' against Patent No. 122425.

For (27-7-69).

Read. (24-7-69).

## APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE

The dates shown in crescent brackets are the dates claimed under Section 133 of the Act.

8th May 1975

914/Cal/75. Council of Scientific and Industrial Research. A new method for the production of master alloy of aluminium-magnesium.

915/Cal/75. Council of Scientific and Industrial Research. Improvements in or relating to colouring of nickel chrome stainless steels.

916/Cal/75. Council of Scientific and Industrial Research. Improvements in or relating to decorative anodising of aluminium and its alloys in alkaline electrolytes using alternating current.

917/Cal/75. Council of Scientific and Industrial Research. Improvements in or relating to the preparation of new dyes containing heterocyclic quinonoid systems.

918/Cal/75. Luis Senthis Anfruns, An article of footwear.

919/Cal/75. John Wyeth & Brother Limited. Improvements in or relating to indole derivatives, to processes for the preparation thereof and to pharmaceutical compositions containing such derivatives. (May 24, 1967) [Divisional date May 18, 1968].

920/Cal/75. John Wyeth & Brother Limited. Improvements in or relating to indole derivatives, to processes for the preparation thereof and to pharmaceutical compositions containing such derivatives. (May 24, 1967) [Divisional date May 18, 1968].

921/Cal/75. Girling Limited. Railway-Vehicle disc brakes. (May 20, 1974).

922/Cal/75. Aeroquip GmbH. Pressure hose comprising several layers of reinforcing strengtheners.

923/Cal/75. Nestle's Products Limited. Production of casein and caseinates.

924/Cal/75. Jan Van Tilburg. A continuous process for expanding a fibrous or filamentary material. (July 20, 1971) [Divisional date July 20, 1972].

9th May 1975

925/Cal/75. Messerschmitt-Bolkow-Blohm Gesellschaft mit beschränkter Haftung. Heat exchangers for use under conditions of high thermal and mechanical loading. (March 27, 1975).

926/Cal/75. Messerschmitt-Bolkow-Blohm Gesellschaft mit beschränkter Haftung. A heat exchanger primarily for a cooled liquid-fuelled rocket combustion chamber. (March 27, 1975).

927/Cal/75. Messerschmitt-Bolkow-Blohm Gesellschaft mit beschränkter Haftung. Heat exchangers primarily for regeneratively cooled combustion chambers of liquid-fuelled rocket propulsion units. (March 27, 1975).

928/Cal/75. Messerschmitt-Bolkow-Blohm Gesellschaft mit beschränkter Haftung. Heat exchangers primarily for combustion chambers of liquid-fuelled rockets and a method of manufacturing same. (March 27, 1975).

929/Cal/75. Aspro-Nicholas Limited. Process for preparing free flowing readily wettable effervescent aspirin particles. (November 28, 1969) [Divisional date November 26, 1970].

930/Cal/75. Swadeshi Polytex Limited. A novel technique for incorporating dyestuffs and chemicals to polymer compositions.

931/Cal/75. The English Card Clothing Company Limited. Improvements in or relating to carding apparatus. (May 10, 1974).

932/Cal/75. Svenska Luftkompressor AB. Method of and device for drying compressed gases, especially compressed air for brake systems in motor vehicles. (May 14, 1974).

933/Cal/75. The Early Warning Company. Procedure for determination of antigens and antibodies and articles for use therewith.

934/Cal/75. E. I. Du Pont De Nemours And Company. Improvements in and relating to synthetic polyesters.

935/Cal/75. E. I. Du Pont De Nemours And Company. Improvements in and relating to synthetic filaments.

936/Cal/75. Bhaja Hari Pauri. Improvements in or relating to ricehuller.

12th May 1975

937/Cal/75. ITT Industries Inc. Improvements in or relating to calculating equipment. (May 23, 1974).

938/Cal/75. Opytno-Konstruktorskoe BIURO Energotekhnologicheskikh Protessov Khimicheskoi Promyshlennosti. Hydrogen sulphide gas burner.

939/Cal/75. P. Kapur. A process for the preparation of a food product from maize.

940/Cal/75. Lancing Research Corporation. Instrument for high resolution spectral analysis with large optical throughput.

941/Cal/75. Bayer Aktiengesellschaft. 1-(2-(B-Naphthoxy)-ethyl)-3-methyl-pyrazolone-(5), processes for its preparation and its use as an antithrombotic agent.

942/Cal/75. Rhone-Poulenc Industries. Dielectric compositions.

943/Cal/75. Girling Limited. Improvements in hydraulic booster for vehicle braking systems. (May 21, 1974).

944/Cal/75. USS Engineers and Consultants, Inc. Method and apparatus for eliminating nose-skulls from steelmaking vessels.

13th May 1975

945/Cal/75. Patwardhan Sadashiv Vasudeo. Pat's mimo filter.

946/Cal/75. Patwardhan Sadashiv Vasudeo. Pat's M. B. Settler.

947/Cal/75. Metallurgical Processes Limited and I.S.C. Smelting Limited. Zinc-smelting blast furnace. (May 13, 1974).

948/Cal/75. USS Engineers and Consultants, Inc. Method and apparatus for flame-cutting cracked corner portions from continuously cast metal workpieces.

949/Cal/75. Dorr-Oliver Incorporated. Continuously operating sedimentation tank with pier supported rake structure. [Addition to No. 111508].

950/Cal/75. PPG Industries, Inc. Manufacture of glass.

951/Cal/75. Atam Dewan. A device adapted to be used as a plug, socket or adaptor.

952/Cal/75. Fuel Expanders Ltd. A piston assembly for internal combustion engines.

953/Cal/75. Mikhail Alexeevich Mel'nikov, Valeriy Anatoly Filippovich Zolotov, Georgy Mikirtychevich Kamarian. Electrolytic cell with solid electrodes.

954/Cal/75. Ilie Chivari. Coupling adapted to connect radially offset shafts.

955/Cal/75. Cassella Farbwerke Mainkur Aktiengesellschaft. Process for the production of derivatives of 1-phenoxy-3-amino-propane-2-01. [Divisional date May 22, 1973].

956/Cal/75. Cassella Farbwerke Mainkur Aktiengesellschaft. Process for the production of derivatives of 1-phenoxy-3-amino-propene-2-01. [Divisional date May 22, 1973].

957/Cal/75. Cassella Farbwerke Mainkur Aktiengesellschaft. Process for the production of derivatives of 1-phenoxy-3-amino-propene-2-01. [Divisional date May 22, 1973].

958/Cal/75. Metec AG Mechanik und Technik Engineering. Double sealed chamber mould for curing covered pneumatic tyres.

959/Cal/75. Krupp-Koppers Gesellschaft Mit Beschränkter Haftung. Apparatus for the gasification of finely-divided fuels.

14th May 1975

960/Cal/75. Sheoprasad. Coal fluxing and gasification "cofag" process.

961/Cal/75. Carmelo Motta. Woven slide fastener, method and apparatus for its manufacture.

962/Cal/75. Societe D'Etudes De Machines Thermiques S.E.M.T. Improvements in or relating to a machine crank-shaft with improved dynamic balance ratio.

963/Cal/75. Dynachem Corporation. Protective coatings and their uses.

964/Cal/75. Alcan Research and Development Limited. Improvements in or relation to electroplating aluminium stock. (May 24, 1974).

965/Cal/75. Mr. R. Rai, Mr. A. K. Rai, Mr. K. K. Rai, and Mr. S. K. Rai. A box and the like.

966/Cal/75. Mr. R. Rai, Mr. A. K. Rai, Mr. K. K. Rai, and Mr. S. K. Rai. A box and the like.

967/Cal/75. Mr. R. Rai, Mr. A. K. Rai, Mr. K. K. Rai, and Mr. S. K. Rai. A box and the like.

968/Cal/75. Siemens Aktiengesellschaft. Method of connecting two members.

969/Cal/75. Uzbexky Nauchno-Issledovatelsky Institut Energetiki I Atom-Atiki. Two-phase AC electric motor control circuit.

970/Cal/75. Ivan Filippovich Kolobrney and Georgy Yakovlevich Mishin. Aluminium-Base alloy.

971/Cal/75. Osborn-Mushet Tools Limited. An improvement in or relating to twist drills. (May 17, 1974).

972/Cal/75. N. V. Philips' Gloeilampenfabrieken. Finger grip device.

## APPLICATION FOR PATENTS FILED AT THE (BOMBAY BRANCH)

28th April, 1975

115/Bom/75. M/s. Asian Explosives. Compressed Blasting Cartridges of Blasting Powder and/or Gun Powder.

29th April 1975

116/Bom/75. S. G. Bhome. Instantaneous pilferproof seal.

117/Bom/75. P. K. Barve. An Improved filter for internal combustion engine.

118/Bom/75. Dr. Prabhat Charan Mukherjee and Director, Indian Institute of Technology. Coating metals by thermal deposition.

2nd May 1975

119/Bom/75. B. M. Malcolm. Improvements in or relating to ball valve and manner of manufacturing it.

120/Bom/75. R. R. Pardasani. Improvement in or relating to intercommunication set or apparatus.

121/Bom/75. R. R. Pardasani. Improvement in or relating to fuse controlled device for operating electrical circuit. [Addition to No. 133157].

## APPLICATION FOR PATENTS FILED AT THE (MADRAS BRANCH)

28th April 1975

67/Mas/75. A. M. Mathew. Printing types.

2nd May 1975

68/Mas/75. E. G. Rao. A device for being rotatably actuated by fluid streams.

3rd May 1975

69/Mas/75. A. Ramakrishna. A power enhancing device.

## ALTERATION OF DATE

102225. Ante-dated to 1st May, 1963.

104359. Ante-dated to 1st May, 1963.

132580. Ante-dated to 3rd April, 1970.

## COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, give notice to the Controller of Patents at the appropriate office as indicated in respect of each such application, on the prescribed form 15, of such opposition. The written statement of opposition should be filed along with the said notice or within one month from its date as prescribed in Rule 36 of the Patents Rules, 1972.

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8, Kiran Sankar Roy Road, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra if sent out of India). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office.

CLASS 32F,+F2,+F2d. I.C.—CO7C 13/24, 15/20. 87717.

## PROCESS FOR THE PREPARATION OF DIBENZO-CYCLOHEPTENE DERIVATIVES.

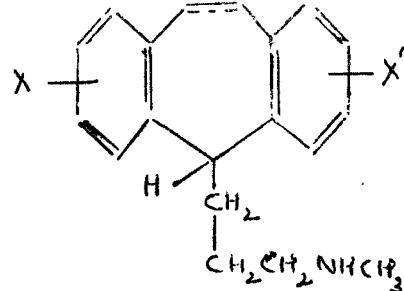
MERCK &amp; CO., INC., OF 126 EAST LINCOLN AVENUE, RAHWAY, NEW JERSEY, UNITED STATES OF AMERICA.

Application No. 87717 filed May 1, 1963.

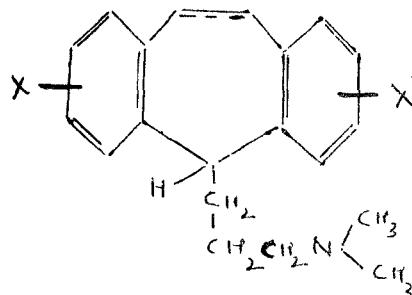
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 4 Claims.

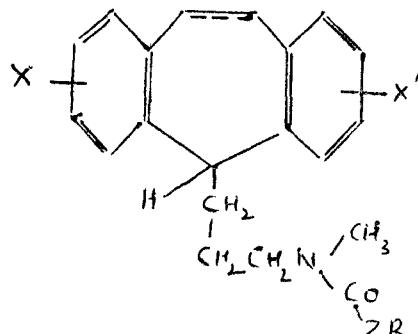
A process for the preparation of dibenzocycloheptene derivatives of the formula shown in Fig. 3.



where the dotted line indicates that the compound may be saturated or unsaturated at the indicated position; X and X' are each hydrogen, alkyl having up to 6 carbon atoms, alkoxy having up to 6 carbon atoms, trifluoromethyl, phenyl, acyl having up to 4 carbon atoms, haloacyl having up to 4 carbon atoms, alkylsulfonylamino having up to 6 carbon atoms, halogen, hydroxy, haloalkoxy having up to 6 carbon atoms, cyano, carboxy, alkoxy carbonyl having up to 7 carbon atoms carbamyl alkyl-acarbamyl having up to 7 carbon atoms, dialkylcarbamyl having up to 9 carbon atoms, mercapto, alkylamercapto having up to 6 carbon atoms, haloalkylamercapto having up to 6 carbon atoms, alkylsulfonyl having up to 6 carbon atoms, sulfamyl, alkylsulfamyl having up to 6 carbon atoms or dialkylsulfamyl having up to 8 carbon atoms, which comprises reacting a compound of the formula shown in Fig. 6



of the drawings, where X and X' are as above, with a haloformate of the formula ROCOX'', or a substituted haloformate of the formula RSCOX'', where R is an alkyl, aryl, aralkyl or alkaryl group and X'' is a halogen, to prepare a compound of the formula shown in Fig. 7.



where X and X' are as above, R is as above and Z is oxygen or sulfur, and subjecting the latter product to hydrolysis or, if desired, where said latter product is a thiourethane derivative, oxidizing the same prior to hydrolysis.

CLASS 32F<sub>1</sub>+F<sub>2</sub>a+F<sub>3</sub>d. I.C.—13/24, 15/20. 102225.

## PROCESS FOR THE PREPARATION OF DIBENZO-CYCLOHEPTENE DERIVATIVES.

MERCK &amp; CO., INC., OF 126 EAST LINCOLN AVENUE, RAHWAY, NEW JERSEY, UNITED STATES OF AMERICA.

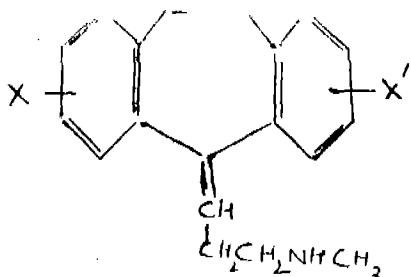
Application No. 102225 filed October 25, 1965.

Division of Application No. 87717 filed May 1, 1963.

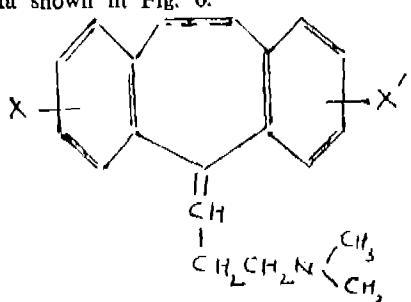
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 3 Claims.

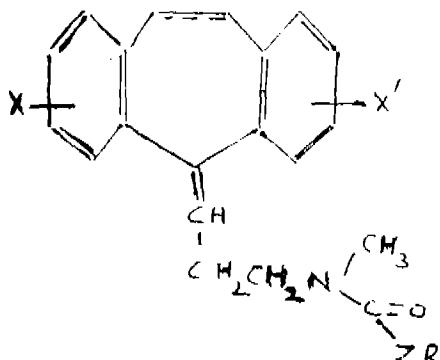
A process for the preparation of dibenzo-cycloheptene derivatives of the formula shown in Fig. 2.



where the dotted line indicates that the compound may be saturated or unsaturated at the indicated position; X and X' are each hydrogen, alkyl having up to 6 carbon atoms, alkoxy having up to 6 carbon atoms, alkenyl having up to 6 carbon atoms, trifluoromethyl, phenyl, acyl having up to 4 carbon atoms, haloacyl having up to 4 carbon atoms, alkylsulfonylamino having up to 6 carbon atoms, halogen, hydroxy, haloalkoxy having up to 6 carbon atoms, cyano, carboxy, alkoxy-carbonyl having up to 7 carbon atoms, carbamyl, alkylcarbamyl having up to 7 carbon atoms, dialkylcarbamyl having up to 9 carbon atoms, mercapto, alkylmercapto having up to 6 carbon atoms, haloalkylmercapto having up to 6 carbon atoms, alkylsulfonyl having up to 6 carbon atoms, haloalkylsulfonyl having up to 6 carbon atoms, sulfamyl, alkylsulfamyl having up to 6 carbon atoms or dialkylsulfamyl having up to 8 carbon atoms; which comprises reacting a compound of the formula shown in Fig. 6.



where X and X' are as above, with a haloformate of the formula ROCOX'' or a substituted haloformate of the formula RSCOX'', where R is an alkyl, aryl, aralkyl or alkaryl group and X'' is halogen, to prepare a compound of the formula shown in Fig. 7.



where X and X' are as above, R is as above and Z is oxygen or sulfur, and subjecting the latter product to hydrolysis or, if desired, where said latter product is a thiourethane derivative, oxidizing the same prior to hydrolysis.

CLASS 32F<sub>1</sub>+F<sub>2</sub>a+F<sub>3</sub>d. I.C.—CO7C 13/24, 15/20. 104359.

## PROCESS FOR THE PREPARATION OF 5H-DIBENZO [a, d] CYCLOHEPTENES.

MERCK &amp; CO., INC., OF 126 EAST LINCOLN AVENUE, RAHWAY, NEW JERSEY, UNITED STATES OF AMERICA.

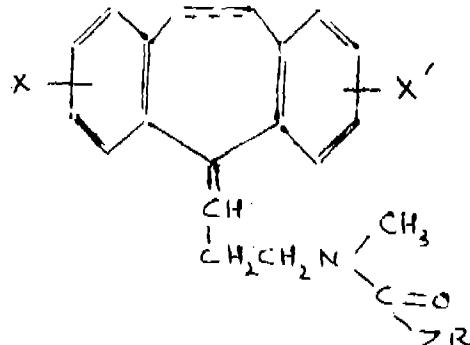
Application No. 104359 filed March 17, 1966.

Division of Application No. 87717 filed May 1, 1963.

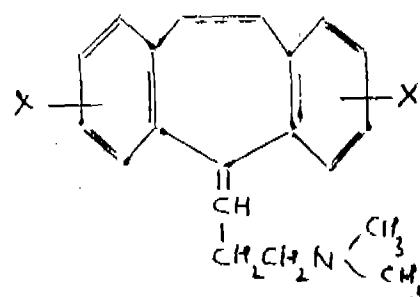
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 2 Claims.

A process for the preparation of dibenzo-cycloheptene derivatives of the formula shown in Fig. 5.



where the dotted line indicates that the compound may be saturated or unsaturated at the indicated position; R is an alkyl, aryl, aralkyl or alkaryl radical; Z is oxygen or sulfur; and X and X' are each hydrogen, alkyl having up to 6 carbon atoms, alkoxy having up to 6 carbon atoms, alkenyl having up to 6 carbon atoms, trifluoromethyl, phenyl, acyl having up to 4 carbon atoms, haloacyl having up to 4 carbon atoms, alkylsulfonylamino having up to 6 carbon atoms, halogen, hydroxy, haloalkoxy having up to 6 carbon atoms, cyano, carboxy, alkoxy-carbonyl having up to 7 carbon atoms, carbamyl, alkylcarbamyl having up to 7 carbon atoms, dialkyl-carbamyl having up to 9 carbon atoms, mercapto, alkylmercapto having up to 6 carbon atoms, haloalkylmercapto having up to 6 carbon atoms, alkylsulfonyl having up to 6 carbon atoms, haloalkylsulfonyl having up to 6 carbon atoms, sulfamyl, alkylsulfamyl having up to 6 carbon atoms or dialkylsulfamyl having up to 8 carbon atoms; which comprises reacting a compound of the formula shown in Fig. 6.



where X and X' are as above, with a haloformate of the formula ROCOX'' or a substituted haloformate of the formula RSCOX'', where R is an alkyl, aryl, aralkyl or alkaryl group and X'' is halogen.

CLASS 32F, 47F & 55E, I.C.—CO7d 57/02; A61K 27/00.  
115743.

PROCESS FOR THE PREPARATION OF IMIDAZOLINYL COMPOUNDS.

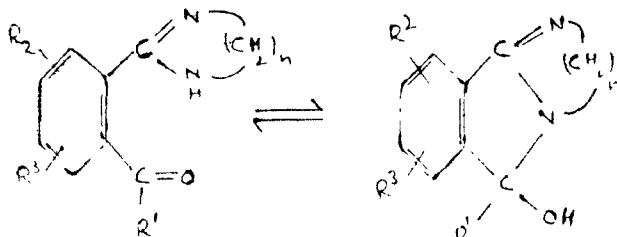
AMERICAN HOME PRODUCTS CORPORATION, OF 685 THIRD AVENUE, NEW-YORK 17, NEW YORK, UNITED STATES OF AMERICA.

Application No. 115743 filed May 4, 1968.

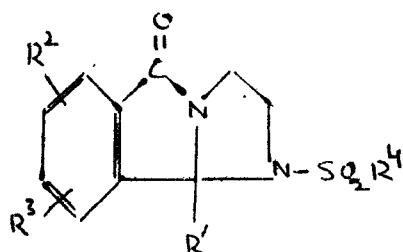
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims.

A process for the preparation of a novel compound of the general formula I.



or acid addition salts thereof, (wherein n is 2 : R<sup>1</sup> is lower alkyl, phenyl, phen(lower) alkyl, monohalophenyl, dihalophenyl, mono(lower) alkylphenyl, di(lower)alkylphenyl, aminophenyl, trifluoromethylphenyl, mono(lower)alkoxyphenyl, di(lower)alkoxyphenyl, thiényl, pyridyl, furyl, naphthyl or tetrahydro-2-naphthyl; R<sup>2</sup> and R<sup>3</sup> are the same and are both hydrogen, lower alkyl or lower alkoxy, or R<sup>2</sup> is hydrogen and R<sup>3</sup> is halogen, amino, lower alkylamino, lower alkyl or lower alkoxy, and the term "lower" means the radical contains up to 6 carbon atoms) which comprises hydrolysing a sulphonyltetrahydroimidazoisoindolone of the general formula V.



where R<sup>1</sup>, R<sup>2</sup> and R<sup>3</sup> have the meaning defined above, and R<sup>4</sup> is an aryl or alkyl radical with a strong acid.

CLASS 32F<sub>2</sub>a & 55E<sub>2</sub>+E<sub>4</sub>, I.C.—CO7c 103/19. 122664

PROCESS FOR THE ISOLATION OF TETRA-CYCLINE AND OXYTETRACYCLINE FROM CULTURE FILTRATES.

MOSKOVSKY KHIMIKO-FARMATSEVTICHESKY ZAVOD IM. L. YA. KARPOVA, OF NAGATINSKAYA UL. 1, MOSCOW, USSR.

Application No. 122664 filed August 7, 1969.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims—No drawings.

A process for the isolation of tetracycline and oxytetracycline from culture filtrates comprising the adsorption of said antibiotics from culture filtrates onto a cation-exchange resin which is a copolymer of sulphostyrene and divinyl in the H-form, followed by desorption of said antibiotics with concentrated ammonium hydroxide and precipitation of the free bases of tetracycline and oxytetracycline by acidification, after which said bases are recrystallised.

CLASS 55E<sub>4</sub> & 83A<sub>4</sub>, I.C.—A61K 19/00. 124836

PROCESS OF PRODUCING A PREPARATION OF THE ENZYME ELASTASE OF MICROBIAL ORIGIN.

INSTITUT ORGANICHESKOI KHMII AKADEMII NAUK USSR IMENI N.D. ZELINSKOGO, OF LENINSKY PROSPEKT, 47, MOSCOW, USSR.

Application No. 124836 filed January 13, 1970.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims—No drawings.

A process of producing a preparation of the enzyme elastase of microbial origin which comprises growing the producing microorganism *Actinomyces rimosus* on a culture medium containing sources of carbon and nitrogen, and inorganic salts, separating by centrifuging or filtration the cells of the producing microorganism from the culture solution and absorption of the enzyme from the filtrate on an ion-exchange resin based on salicylic acid and phenol at a temperature not higher than 10°C, followed by elution of the enzyme with a salt solution of not less than molar concentration and pH of 9.0-9.4, precipitation of the final product from the eluate with an organic solvent, followed by separation by centrifugation and finally drying the obtained product.

CLASS 32F<sub>2</sub>a, I.C.—CO7d 99/24. 126042

PROCESS FOR PREPARING NOVEL CRYSTALLINE CEPHALOSPORIN.

ELI LILLY AND COMPANY, HAVING A PRINCIPAL PLACE OF BUSINESS FORMERLY AT 740 SOUTH ALABAMA STREET AND NOW AT 307 EAST MCCARTY STREET, CITY OF INDIANAPOLIS, STATE OF INDIANA, UNITED STATES OF AMERICA.

Application No. 126042 filed April 3, 1970.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims—No drawings.

A process for the preparation of cephalexin monohydrate [7-(D- $\alpha$ -aminophenylacetamido)-3-methyl-3-cephem-4-carboxylic acid], which comprises treating an aqueous solution of a cephalexin acid addition salt at a temperature of at least about 58°C, and below a temperature which causes rapid decomposition of cephalexin with sufficient base to convert the cephalexin salt to cephalexin in its zwitterion form thereby precipitating crystalline cephalexin monohydrate and separating the cephalexin monohydrate so produced from the aqueous medium.

CLASS 55F, I.C.—A61K 27/14. 126145

METHOD FOR SEPARATING X-SPERM AND Y-SPERM AND AN APPARATUS THEREFOR.

WALLACE SHRIMTON, OF 350 ARBALLO DRIVE, SAN FRANCISCO, CALIFORNIA, UNITED STATES OF AMERICA.

Application No. 126145 filed April 10, 1970.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

35 Claims.

A method for separating X-sperm and Y-sperm (as hereinbefore described) according to phenotypic differences to make possible the control of the sex of mammalian offspring, the method comprising mixing fresh sperm with a nutrient medium; cooling the mixture of sperm and nutrient to immobilise the sperm; introducing the cooled mixture into a separation medium, the medium having zones of differing density at least one of which is equivalent in density to the mean density of said mixture and the cooled mixture being introduced into a zone which is equivalent in density to the mean density of said mixture, whereby buoyant forces acting on the sperm distribute the sperm and hold it at levels of

suspension within the separation medium according to individual sperm density; and then withdrawing a portion of the separation medium of known density containing a suspended sperm fraction of equivalent density and desired sex characteristics.

CLASS 40-I, 55F & 128G. I.C.-A61b 10/00. 126733

A METHOD FOR PREPARING SEROLOGICAL  
DIAGNOSTIC PREPARATIONS.

LICENCIA TALALMANYOKAT ERTEKESITO VAL-LALAT, OF 10, JOZSEF NADOR TER, BUDAPEST V, HUNGARY.

Application No. 126733 filed May 19, 1970.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims—No drawings.

A method for preparing serological diagnostic preparations consisting of antigen-antibody systems, apt to be stored and ready for use in slide test reactions, in which the complexes containing pretreated sheep erythrocytes or latex-antigen and antibody complexes, or the suspensions of said complexes, are mixed with the aqueous solution of film-forming natural, semi-synthetic or synthetic polymers selected from the group of gelatine, glue, polyvinyl alcohol, polyvinyl pyrrolidone, polyvinyl methyl ether, carboxymethyl cellulose and methyl cellulose, or with the aqueous solution of film-forming synthetic resin selected from the group of urea formaldehyde, melamine formaldehyde, casein formaldehyde and alkyl based resins containing a bactericidal agent, applied onto the slide and dried.

CLASS 32F,c. I.C.-CO7d, 43/20. 127264

PROCESS FOR PRODUCING L-LYSINE BY  
FERMENTATION

KYOWA HAKKO KOGYO CO., LTD., OF OHTEMA-CHI BLDG., OHTEMACHI CHIYODA-KU, TOKYO, JAPAN.

Application No. 127264 filed June 25, 1970.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims—No drawings.

A process for producing L-lysine which comprises culturing an L-lysine-producing microorganism belonging to a genus selected from the group consisting of *Brevibacterium* and *Corynebacterium* said microorganism having a nutritional requirement for homoserine, threonine, threonine plus methionine, leucine, isoleucine or mixtures thereof and a resistance to a feedback inhibition and/or repression of at least one compound selected from the group consisting of lysine and lysine analogues, threonine and threonine analogue and isoleucine and isoleucine analogues, under aerobic conditions in an aqueous nutrient medium such as herein described and accumulating L-lysine in the resultant culture liquor.

CLASS 32F,b. I.C.-CO7d 31/38. 128593

PROCESS FOR THE PRODUCTION OF PYRIDINE-CARBOXYLIC ACIDS.

LONZA LTD. OF GAMPEL/VALAIS, SWITZERLAND.

Application No. 128593 filed September 25, 1970.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

Process for the production of pyridine-carboxylic acids by the oxidation of alkyl-pyridines and/or of heterocyclic compounds which carry a pyridine nucleus and are substituted in at least one position, with an excess of nitric acid at an elevated temperature and under increased pressure in a flow tube, wherein the starting compounds are passed with the

nitric acid through a flow tube consisting of a material which is stable to the reaction components at temperatures of 180-370°C and under pressures of 20-500 atm. excess pressure, characterised in that the thermal energy required is directly generated in the wall of the flow tube, and the reaction mixture is discharged from the flow tube.

CLASS 32F. I.C.-CO7d 29/16. 129357

PROCESS FOR PREPARING 4-ARYL-1-(4, 4-DIARYL-BUTYL)-4-HYDROXY-PIPERIDINE

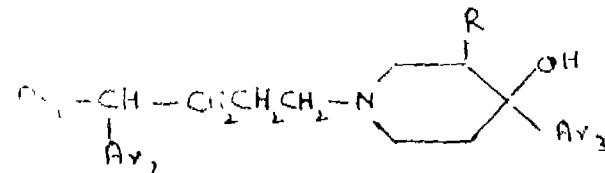
JANSEEN PHARMACEUTICA N.V., LOCATED AT TURNHOUTSEBAAN 30, BEERSE, BELGIUM.

Application No. 129357 filed November 23, 1970.

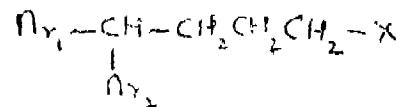
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

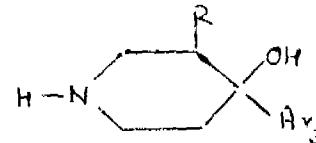
A process for preparing a chemical compound selected from the group consisting of a 4-aryl-1-(4, 4-diaryl-butyl)-4-hydroxy-piperidine having the formula I.



and the therapeutically active acid addition salts thereof, wherein R is a member selected from the group consisting of hydrogen and methyl, Ar1 is halophenyl, Ar2 is a member selected from the group consisting of phenyl and halophenyl, and Ar3 is a member selected from the group consisting of phenyl, lower alkylhalophenyl and trifluoromethyl-halophenyl characterized by heating a reactive ester of a compound of the formula II



wherein Ar1 and Ar2 are as defined before and X is halo, preferably chloro, with a compound of formula III.



wherein R and Ar2 are as defined before in an organic solvent in the presence of a base and thereafter is desired preparing its therapeutically active acid addition salts by a usual method as herein described

CLASS 32F,+F,b+F,d I.C.-CO7d 57/02. 130162

PROCESS FOR THE PREPARATION OF 5-ARYL-2, 3-DIHYDRO-2, 2 (OR 3, 3) DIMETHYL-5H IMIDAZO[2, 1-a] ISOINDOL-5-OLS AND 2(4, 4) OR (5, 5) DIMETHYL-2-IMIDAZOLIN-2-YL BENZOPHENONE ACID ADDITION SALTS.

AMERICAN HOME PRODUCTS CORPORATION, 685, THIRD AVENUE, NEW YORK, NEW YORK, UNITED STATES OF AMERICA.

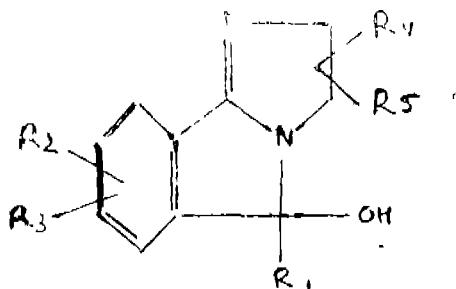
Application No. 130162 filed February 3, 1971.

Convention date October 2, 1970 (46940/70) U.K.

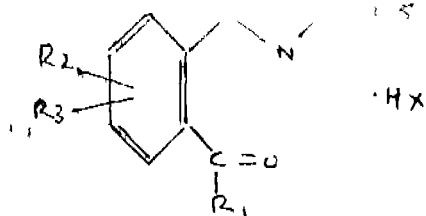
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims.

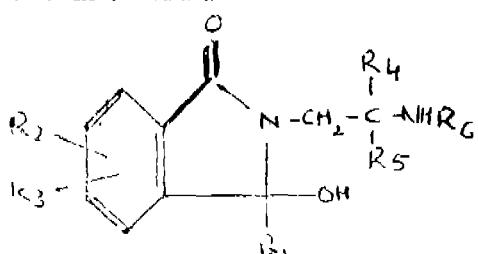
A process for the preparation of a compound having the formula II.



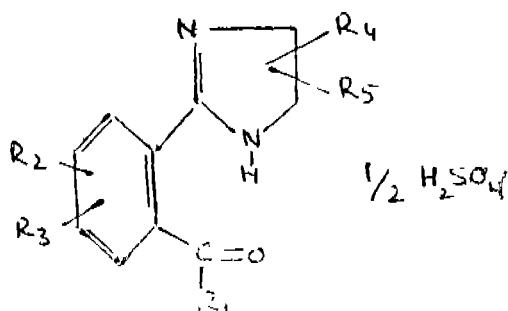
or its pharmaceutically acceptable acid addition salts having the formula X



wherein R<sup>1</sup> is selected from the group consisting of phenyl, honohalophenyl, dihalophenyl, mono(lower)alkylphenyl, di(lower)alkylphenyl, trifluorotethylphenyl, mono(lower)alkoxyphenyl, di(lower)alkoxyphenyl, thiienyl, pyridyl, furyl and tetrahydro-2-naphthyl; R<sup>2</sup> is selected from the group consisting of hydrogen, halogen, amino, lower alkylamino, lower alkyl and lower alkoxy; R<sup>3</sup> is hydrogen, when R<sub>2</sub> and R<sub>3</sub> are dissimilar and when R<sub>2</sub> and R<sub>3</sub> are the same they are both selected from the group consisting of hydrogen, halogen lower alkyl and lower alkoxy; R<sup>4</sup> and R<sup>5</sup> are selected from the group consisting of hydrogen and lower alkyl and X is an anion portion of a pharmaceutically acceptable acid addition salt, which comprises treating a compound of the formula IV.



wherein R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup>, R<sup>4</sup> and R<sup>5</sup> are the same as defined above and R<sup>6</sup> is selected from the group consisting of lower alkylsulfonyl, phenylsulfonyl, mono(lower)alkylphenylsulfonyl, di(lower)alkylphenylsulfonyl and lower alkoxyphenylsulfonyl with from about 80 to about 100 per cent sulfuric acid to form a sulfate of the formula VI



wherein R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup>, R<sup>4</sup> and R<sup>5</sup> are as above defined and then contacting said sulfate a base, and if required, treating the compound so formed with a pharmaceutically acceptable acid.

CLASS 32F<sub>2</sub>a I.C.-CO7d, 99/24.

132580.

#### A PROCESS OF PREPARING CEPHALEXIN MONOHYDRATE.

ELI LILLY AND COMPANY, FORMERLY AT 740 SOUTH ALABAMA STREET AND NOW AT 307 EAST MCCARTY STREET, CITY OF INDIANAPOLIS, STATE OF INDIANA, UNITED STATES OF AMERICA.

Application No. 132580 filed August 19, 1971.

Division of Application No. 126042 filed April 3, 1970.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

1 Claim—No drawings

A process of preparing crystalline cephalexin monohydrate which is characterised by mixing cephalexin with about 20 to about 50 per cent of its dry weight of water at about room temperature and dehydrating on heating the resulting crystalline cephalexin monohydrate to about 4 to about 8 per cent water content at 30°C and at an internal pressure of 8 mm of mercury.

CLASS 55E<sub>4</sub>. I.C.-A61K 13/00.

133824

#### PROCESS FOR PREPARING A MEDICINAL INHALANT COMPOSITION FOR CURE OF MALARIAL OR LIKE FEVERS.

DR. MUDLAPUR, RAMAKRISHNA ANANTH, OF NO. 4374 SARVODAYA NAGAR, BANGALORE-21, MYSORE STATE, INDIA.

Application No. 133824 filed December 1, 1971.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

3 Claims—No drawings.

Process for preparing a medicinal inhalant composition for use in cure of malarial or like fevers comprising:

(i) pounding or grinding "Krishna+Shri Tolasi" from about 40% to 50%, Garlic from about 15% to about 25%, Pepper from about 5% to about 10% and Turmeric from about 4% to about 5% separately and then mixing the same to obtain a mixture I;

(ii) mixing "Neegirl Oil" (Eucalyptus oil) from about 3% to about 4%, Camphor from about 2% to about 3%, Menthol from 1% to about 2% and Thymol about 1% in a separate container to obtain mixture II; and finally

(iii) mixing thoroughly the said mixtures I and II to obtain the final product.

CLASS 97D. I.C.-D06b 71/00, 75/00.

137272

#### ELECTRIC IRONING PRESS

MEFINA S.A., OF SA. BOULEVARD DE PEROLLES, FRIBOURG, SWITZERLAND.

Application No. 2162/72 filed December 15, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.

An ironing press of the type comprising a frame provided with a working area and to which an arm is pivotally secured round an axis substantially parallel with the working area, while a heating plate incorporating heating means adapted to be connected with a supply of electric energy is suspended to said arm and a hand-actuated lever pivotally secured to the arm at a point remote from its pivotal axis is provided with

an extension cooperating with the support, so as to ensure two stable extreme positions for said arm, which positions correspond to a closing and to an opening of the press, said ironing press being characterized by the fact that it includes both mechanical and electric safety means.

CLASS 167D+E+F. I.C.-B07b 7/083. 137273

**IMPROVEMENTS IN OR RELATING TO AIR-CLASSIFIERS OR THE LIKE.**

PRITAM VACHANI, C/O, INCERCON CHEMICAL ENGINEERING AND CONSTRUCTION COMPANY PRIVATE LIMITED, NACHARAM INDUSTRIAL AREA, P.O. UPPAL, HYDERABAD-39 A.P., INDIA.

Application No. 40/Mas/73 filed March 23, 1973.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

**6 Claims.**

An air classifier comprising a hopper or container for holding the mixture of various grain sizes from which a particular grain size is to be separated out, the said hopper at its bottom being provided with a chute, pipe or the like, the out-let of the said chute terminating near the vertical centre line of the body of the classifier, under the said out-let being provided a disc which is fitted rigidly near the lower end of a vertical shaft, the said vertical shaft being rotatably fitted along the said vertical centre line, to the upper end of the said shaft being rigidly fitted a pulley or the like, to the said shaft being also fitted rigidly a fan impeller, the said impeller lying between the said disc and the said pulley, the said disc being surrounded by an inner shell, the said inner shell being surrounded by another outer shell, the said inner shell being made up of two sections, viz. an upper section and a lower section, the said sections being separated by a gap, the bottom portion of the said outer shell and the lower and upper sections of the said inner shell having the shapes of truncated inverted cones, the bottom opening of the said upper section being narrower than the top opening of the said lower section of the said inner shell, the top of the said upper section of the inner shell lying midway between the said disc and the said fan impeller in the said top of the said upper section being provided and opening the said opening being provided with a plurality of sliding gates of a corresponding number of control valves, the said control valves being equidistantly situated all around the body of the classifier, the said gates being adapted to reciprocate forward and backward thereby increasing or decreasing the area of the said opening in the top of the upper section, each said sliding gate being connected to a threaded stem or spindle of a control valve each of the said stems projecting out of the said external shell and being provided with an operating hand wheel lying outside the said outer shell such that when the said wheel is rotated the said sliding gates are made to move forward or backward thereby decreasing or increasing the area of the said opening in the said top of the said upper section; in the said gap being provided a set of plurality of fixed vanes or baffles which cover the peripheral annular space between the bottom end of the said upper section and the top end of the said lower section, the said vanes or baffles lying equidistantly all around the periphery of the junction of the said upper and lower end of the lower section of the said inner shell and that of the outer shell being provided with discharge pipes chutes or the like the discharge pipe from the said inner shell emerging out of a hole in the side wall of the outer shell.

CLASS 32E. I.C.-C07g, 37/06. 137274

**A PROCESS OF PREPARING NEW PHENOLIC RESINS.**

VIKRAM SARABHAI SPACE CENTRE, ISRO POST, TRIVANDRUM 22, KERALA, INDIA

Application No. 64/Mas/73 filed April 28, 1973.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

**3 Claims—No drawings.**

A process of preparing new phenolic resins by the reaction of formaldehyde on a mixture of bisphenol-cardanol in the presence of a basic catalyst.

CLASS 189. I.C.-A61K 7/14. 137275

**SKIN MOISTURISER BASED ON GLUTAMIC ACID AND/OR GLUTAMINE AND/OR THEIR SALTS.**

HINDUSTAN LEVER LIMITED, OF HINDUSTAN LEVER HOUSE, 165-166 BACKBAY-RECLAMATION, BOMBAY-20, MAHARASHTRA, INDIA.

Application No. 881/72 filed July 17, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

**5 Claims—No drawings.**

A skin moisturising composition comprising from 0.5-15% by weight of glutamic acid, glutamine or a salt thereof and from 0.5 to 10% of 2-pyrrolidone-5-carboxylic acid by weight of the composition in a cosmetically and physiologically acceptable carrier as hereinbefore described.

CLASS 48C, 90-I & 152C. I.C.-CQ4b 7/12, 7/56, & 137276 EO4c 5/07.

**PROCESS FOR THE PRODUCTION OF GLASS FIBRE REINFORCED CEMENTITIOUS PRODUCTS**

NATIONAL RESEARCH DEVELOPMENT CORPORATION, OF 66-74, VICTORIA STREET LONDON, S.W. 1, ENGLAND.

Application No. 1033/72 filed August 1, 1972.

Convention date August 3, 1971 (36856/71) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

**18 Claims—No drawings**

A process of producing a glass fibre-reinforced cement-product in which fibres of an alkali-resistant silica/zirconia glass containing at least 6.0 mol% Zro<sub>2</sub> are incorporated in a pozzolanic cement matrix containing at least 10% by weight of pozzolana.

CLASS 90F. I.C.-C03b, 37/02. 137277

**APPARATUS AND METHOD FOR THE CONTINUOUS PRODUCTION OF GLASS FIBER STRAND.**

FERRO CORPORATION, OF ONE ERIEVIEW PLAZA, CLEVELAND, STATE OF OHIO, UNITED STATES OF AMERICA.

Application No. 2069/Cal/73 filed September 10, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

**4 Claims.**

An apparatus for continuously producing reinforcing fibre-glass strand directly from powdered raw batch glass material of the type including a furnace in which glass batch material is melted, a channel for conveying molten glass to a forehearth having a multiplicity of stream feeders associated therewith, and a device for drawing glass fibres from said stream feeders and for collecting the fibres in the form of a reinforcing fiberglass strand, characterized in that the glass melting furnace is an electrode resistance furnace of the type in which glass batch and molten glass within the furnace is heated by the passage therethrough of an electrical current, the furnace being operative to melt raw glass batch material at a temperature in the range of 3,500 to 4,000°F. and to discharge the molten glass in a steady stream at a temperature in the range of 2,700 to 3,100°F. and means are provided for conveying molten glass issuing from the glass melting furnace directly to a stabilizing furnace, the stabilizing furnace being entirely independent of the glass melting furnace and contiguous with said forehearth.

CLASS 32B & 40F. I.C.-CO8f. 1/11; 19/20. 137278

AN IMPROVED POLYMERISATION KETTLE AND STIRRER AND A PROCESS FOR SUSPENSION POLYMERISATION OF VINYL MONOMERS.

DR. VATAVILA SIVASANKARA KRISHNAN NAIR, VATAVILA, MELARANNOOR, TRIVANDRUM-2, KERALA STATE, INDIA.

Application No. 50/Mas/72 filed December 21, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

7 Claims.

An improved polymerisation kettle which comprises a reactor with a dished bottom end and top lid, having a heating jacket, vertical baffle plates which are mounted inside the kettle parallel to the wall and extending all along the vertical height of the kettle, a flat type turbine type agitator consisting of a circular plate turbine disc with a number of vertical blades uniformly mounted along the circumference of the disc keeping the angle between any two adjacent blades the same, the disc being welded to a sheave sliding on a vertical shaft of the stirrer with facility of being clamped at any desired height on the shaft as required and the stirrer shaft being attached to a motor of continuously variable speed.

CLASS 32A,+A<sub>2</sub>. I.C.-CO9b. 67/00. 137279

PROCESS FOR THE PRODUCTION OF DYESTUFF PREPARATIONS.

CIBA-GEIGY OF INDIA LIMITED, OF AAREY ROAD, GOREGAON EAST, BOMBAY-63, MAHARASHTRA STATE, INDIA. AN INDIAN SUBSIDIARY OF THE SWISS COMPANY CIBA-GEIGY A.G., BASLE, SWITZERLAND.

Application No. 1289/72 filed August 29, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

9 Claims.

Process for the production of dyestuff preparations which comprises homogeneously mixing a non-ionic dyestuff with a polymeric material such as herein described.

CLASS 55F & 83A<sub>2</sub>. I.C.-C12b 1/00, C12d 13/06. 137280

A METHOD FOR CULTIVATING YEAST

MITSUI TOATSU CHEMICALS, INCORPORATED, OF 2-5, KASUMIGASEKI 3-CHOME, CHIYODA-KU, TOKYO 100, JAPAN.

Application No. 1498/72 filed September 25, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

A method for cultivating yeast wherein the microorganisms as herein described are cultivated in an aerobic culture using as a substrate hydrocarbons containing therein normal paraffins, characterized by circulating and feeding a bubbling layer, which contains the microorganism overflowing out of the top of a cultivating vessel of a gas-liquid parallel flow type bubbling tower, to a lower part of said tower so that it may be less than 2 cm/sec in terms of a superficial velocity based on cross sectional area of said tower by means of a displacement type pump or an injector.

CLASS 127G & 134B. I.C.-F16h 21/00, B60K 17/00. 137281

IMPROVEMENTS IN OR RELATING TO V-DRIVE SYSTEMS

DANA CORPORATION, FORMERLY OF 4100 BENNETT ROAD NOW OF 4500 DORR STREET, CITY OF TOLEDO, STATE OF OHIO, UNITED STATES OF AMERICA.

Application No. 2079/72 filed December 6, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2—L GI]75

10 Claims.

A V-drive assembly for a motor vehicle of the type including a drive shaft, a pair of driven shafts arranged in V formation, and gearing interconnecting the drive shaft and the driven shafts, in which the drive shaft drives a ring gear of a differential having a pair of aligned drive output shafts, one of the differential output shafts constituting one of the said driven shafts, and the other of the differential output shafts being connected by gearing to drive the other of said driven shafts, said differential output shafts constituting one leg of said V formation of driven shafts.

CLASS 105C & 116D+G. I.C.-B65d 83/00. 137282

APPARATUS FOR INDICATING THE LEVEL OF BULK AND PULVERULOUS MATERIALS IN THE HOPPERS PREROVSKE STROJIRNY, NARODNI PODNIK OF PREROV, CZECHOSLOVAKIA.

Application No. 5/Cal/73 filed January 2, 1973.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

An apparatus for indicating that the level of bulk and granulous materials in a hopper has reached a predetermined level and to cause the discharge of the material in the said hopper upon the material reaching said level comprising an over flow conduit arranged within the hopper, a swing flap provided in the said conduit, a discharge valve opening into the stream of the material in the discharge end of the hopper and in flow communication with the said over flow conduit, said swing flap actuating a closure device of the hopper as the materials piled theron reaches a preset level.

CLASS 107F. I.C.-FO2p 9/00, 7/00. 137283

IGNITION DISTRIBUTORS.

JOSEPH LUCAS (ELECTRICAL) LIMITED, OF WELL STREET, BIRMINGHAM 19, ENGLAND.

Application No. 115/Cal/73 filed January 15, 1973.

Convention date January 15, 1972/(2044/72) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

13 Claims.

An ignition distributor, for an internal combustion engine spark ignition system including a casing which in use houses a contact breaker assembly and a rotatable cam operating the contact breaker assembly, and a vacuum unit carried by the casing the vacuum unit including a support member, a housing divided internally into first and second chambers by a diaphragm, a connecting link secured to the diaphragm and extending from the first chamber for connection to the contact breaker assembly of the ignition distributor in use, a screw threaded rod secured to one part of the pair of parts constituted by the support member and said housing and slidably received in the other part of said pair of parts, a nut engaged with said screw threaded rod and movable angularly but not axially relative to said other part so that rotation of said nut relative to said rod moves said housing and thus the connecting link relative to the support member, and an abutment on the rod or said other part which cooperates with a pair of abutments on said other part or the rod to limit movement of the screw threaded rod relative to said other part in both directions.

CLASS 131C. I.C.-E21d 23/04. 137284

ADVANCING SUPPORT DEVICE FOR COAL AND ORE EXTRACTION WORKS

BENNES MARREL, OF RUE PIERRE COPEL, SAINT-ETIENNE (LOIRE), FRANCE.

Application No. 507/Cal/73 filed March 8, 1973.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta,

## 14 Claims.

An advancing support device composed of elements having at least one stanchion, in which the displacement of each element is consecutive to the lifting of the sole-plate, characterized in that each cap is coupled, independently of the other caps, to at least one continuous carrier shaft extending along the whole length of the row of support elements and parallel to the front, by means of a sliding coupling inside the cap.

CLASS 61H. I.C.-F26b 13/00. 137285

## IMPROVEMENTS RELATING TO A PROCESS AND APPARATUS FOR DRYING THREADS

OMNIUM DE PROSPECTIVE INDUSTRIELLE S.A., OF 2, RUE JEAN DE CAULAINCOURT, SAINT-QUENTIN (AISNE), FRANCE.

Application No. 1588/Cal/73 filed July 7, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 21 Claims.

A process of removing treatment fluid from a thread treated with the fluid, the process comprising passing the thread through a convergent-divergent nozzle, simultaneously passing a gas inert to the thread through the nozzle to produce a supersonic flow of gas in the region of that end of the nozzle which is downstreams with respect to the direction of flow of the gas, a zone of low gas pressure being thereby created in the supersonic flow, and passing the thread through the zone.

CLASS 32Fb. I.C.-C07d, 99/14. 137286

METHOD FOR PRODUCING CRYSTALLINE PIVALOYL-OXYMETHYL D(-)- $\alpha$ -AMINO-BENZYL PENICILLINATE

LEO PHARMACEUTICAL PRODUCTS LTD, A/S (LEVENS KEMISKE FABRIK PRODUKTIONSAKTIESELSKAB) OF DK-2750 BALLERUP-DENMARK.

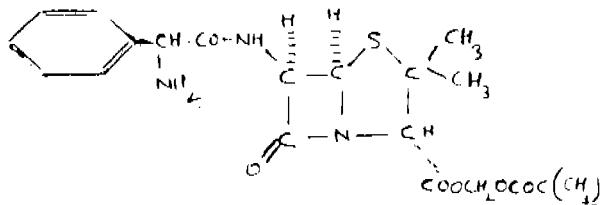
Application No. 2099/Cal/73 filed September 13, 1973.

Convention date October 6, 1972 (46317/72) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 2 Claims.

Method for producing crystalline pivaloyloxymethyl D(-)- $\alpha$ -aminobenzylpenicillinate of the formula 1,



and having the following characterizing data; Infra-red spectrum (KBr, 0.5%) having strong absorption bands at: 3360, 3310, 1765—1745, 1680  $\text{cm}^{-1}$  as will appear from Fig. 1 attached hereto and a melting point of 115-117°C. in which non-crystalline or dissolved pivaloyloxymethyl D(-)- $\alpha$ -aminobenzylpenicillinate is crystallized in the presence of organic liquids or water or mixtures of such at a temperature below 50°C.

CLASS 154H. I.C.-B41f 31/00. 137287

## CONTROL CIRCUIT FOR FEEDING PRINTING INK INTO A CYLINDRICAL STENCIL VIA A PRESSURE NOZZLE IN MACHINES FOR PRINTING WEB MATERIALS, PARTICULARLY TEXTILES.

ELITEX-ZAVODY TEXTILNHO STROJIRENSTVI, GENERALNI REDITELSTVI, OF LIBEREC, CZECHOSLOVAKIA.

Application No. 19/Cal/73 filed January 3, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 8 Claims

Control circuit for feeding printing ink to the inner wall of cylindrical stencils via a pressure nozzle in machines for printing web material, particularly textiles, including a printing ink supply vessel and a feeding tube, into which at least one pump driven by an electric motor is connected, said electric motor being synchronized with the drive source for the printing blanket and the cylindrical stencils, characterized in that the electric motor driving pump has at least one variable speed drive unit attached thereto, as well as at least one clutch operated by means of a manual switch.

CLASS 62D. I.C.-D02g 3/00. 137288

## APPARATUS FOR THE IRREGULAR LOCAL TREATMENT OF AT LEAST ONE YARN, MOVING CONTINUOUSLY AXIALLY, INCLUDING A MECHANISM FOR DRIVING THE YARN TO BE TREATED

OMNIUM DE PROSPECTIVE INDUSTRIELLE S.A., OF 02100 NEUVILLE SAINT-AMAND, FRANCE.

Application No. 688/Cal/73 filed March 27, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 8 Claims.

Apparatus for the irregular local treatment of at least one yarn moving continuously axially, including a mechanism for driving the yarn to be treated, at least one nozzle mounted on a mobile support and fed by a conduit conveying a treatment fluid, the plane of the fluid jet at the outlet of the nozzle intersecting the yarn to be treated and being preferably substantially perpendicular to the said yarn, and, a drive mechanism for the nozzle support imparting a reciprocating motion to it, wherein means are provided for varying the speed of at least one of the drive mechanisms for driving the yarn to be treated and the nozzle support during the treatment.

CLASS 185D. I.C.-A23f 3/04. 137289

## CONTINUOUS TEA ROLLING MACHINE

TEA RESEARCH ASSOCIATION, OF ROYAL EXCHANGE, 6, NETAJI SUBHAS ROAD, CALCUTTA-1, WEST BENGAL, INDIA.

Application No. 1660/72 filed October 13, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 14 Claims.

A continuous tea rolling machine comprising a horizontally extended hollow cylinder with a feed opening and having serrations and/or battens, said cylinder being mounted on two rails for a reciprocating motion along the length thereof by a driving means, a feed hopper being fitted above the feed opening of the said cylinder, a cylindrical fixed block being disposed concentrically within the cylinder at the feed end so as to keep the mouth of the cylinder at the feed end closed all along, and a rotor having projections and/or battens, said rotor being mounted concentrically inside said cylinder on a shaft passing through the said fixed block, said rotor being adapted to be rotated or oscillated, as desired.

CLASS 64B & 206E. I.C.-H011, 1/00. 137290

## SEMI-CONDUCTOR DEVICES

JOSEPH LUCAS (ELECTRICAL) LIMITED, OF WELL STREET, BIRMINGHAM 19, ENGLAND.

Application No. 2088/72 filed December 7, 1972.

Convention date December 9, 1972 (57143/71) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 4 Claims.

A semi-conductor device of the kind specified wherein the electrical connector includes a metal bridging member having an end portion engaging said further contact area of the chip, the bridging member being formed remote from said end portion with a slot shaped to define a resilient tongue integral with the bridging member, the terminal pin being received between the free end of said tongue and the wall of the slot adjacent the free end of said tongue, and the arrangement being such that the pin is resiliently urged by said tongue against said wall of the slot and further being such that the free end of said tongue and said wall together engage said pin at three separate positions angularly spaced around the longitudinal axis of the pin so that movement of the bridging member relative to the pin is substantially prevented.

CLASS 67C & 107F. I.C.-FO2p 15/00. 137291

## SPARK IGNITION SYSTEMS

JOSEPH LUCAS (ELECTRICAL) LIMITED, OF WELL STREET, BIRMINGHAM 19, ENGLAND.

Application No. 2189/72 filed December 19, 1972.

Convention date December 21, 1971 (59504/71) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 11 Claims.

A spark ignition system for a vehicle, comprising in combination a semi-conductor switch drivable between first and second states in one of which the switch is on and in the other of which the switch is off, means operable when the switch is driven from its first state to its second state for producing a spark, means for producing a digital output signal which varies with engine conditions and the value of which at any instant represents the required ignition timing angle, measured from a datum position of the engine crank-shaft, a pulse source controlled by the engine for producing a train of pulses starting from said datum position so that the number of pulses in the train represents crankshaft angle starting from said datum position, and spark control means operable when the number of pulses in a train becomes equal to said digital output signal for driving the switch from its first state to its second state to produce a spark.

CLASS 66D. I.C.-HO1K 1/00, 1/22. 137292

## IMPROVEMENTS IN OR RELATING TO INCANDESCENT LAMPS

TAPAS KUMAR ROY, OF 901, NIHARIKA, 17/1/C, ALIPORE ROAD, CALCUTTA-27, STATE OF WEST BENGAL, INDIA.

Application No. 399/Cal/73 filed February 23, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 8 Claims.

An electric incandescent lamp which is characterised in that the glass rod which is a component of a stem of the said lamp, is completely eliminated and replaced by a glass tubing.

CLASS 28G. I.C.-F23d 21/00. 137293.

## A SMOKE FREE MULTIPLE WICK KEROSENE STOVE BURNER ASSEMBLY.

MAHESHWAR GANESH PHADKE, MODI NO. 2, SITABULDI, NAGPUR-12, PIN 440012, MAHARASHTRA STATE, INDIA.

Application No. 148/Bom/72 filed December 19, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

## 5 Claims.

A smoke free multiple wick kerosene stove burner assembly device comprising of a pair of burner shells fitted on a douser subassembly that is placed on the top of the wick carrier guide subassembly with which a wick carrier subassembly with its wick carrier pipes engaged inside the guide pipes of the wick carrier guide subassembly is coupled through a controlled lever, the arrangement being such that the fibrous wicks threaded through the wick carrier pipes and carried in the wick carrier guide subassembly pipes could be moved up and down the guide pipe openings on the top disc of the wick carrier guide subassembly and through the matching holes on the douser assembly in and out of the space between the burner shells and the ends of the wicks if and when pulled out of the said space between the burner shells through the matching holes inside the guide pipes be covered by the blank portion on the flat surface of the douser subassembly disc, to prevent the evaporation of the kerosene in the space between the burner shells.

CLASS 24D<sub>1</sub>+D<sub>2</sub>+D<sub>4</sub>+E. I.C.-B60t 15/00, 17/00. 137294

## CONTROL VALVE FOR PRESSURE AIR BRAKE INSTALLATIONS IN RAILWAY VEHICLES.

KNORR-BREMSE GMBH., 80 MOOSACHER STRASSE, 8 MUNCHEN 13, FEDERAL REPUBLIC OF GERMANY. Application No. 2142/72 filed December 13, 1972. Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 4 Claims.

Control valve for pressure air brake installations on railway vehicles, having a control piston loaded by the pressure in a main air line in opposition to the pressure in a control chamber, for actuating an inlet and an outlet valve for subjecting a brake cylinder to the action of pressure, and having an accelerator for the bleeding of air from the main air line, which said accelerator has a control sleeve arranged for displacement parallel to the axial direction of the control piston, the said control sleeve being in the direction of movement of the control piston when the latter is subjected predominantly to the action of the control chamber, loaded by a continuously operative force and taken up by a valve packing connected with the control piston, the control sleeve constituting, together with the valve packing, an acceleration control valve arranged between the main air lines and the chamber adapted to be filled by the main air line through the control sleeve and separated from atmosphere on the braking condition, and having displacement arresting means for the control sleeve actuated by a piston loaded in the locking direction by the pressure in the main air line and "oppositely" by the pressure in the chamber, characterised in that the displacement stroke of the control sleeve (12) corresponds at least to the stroke travel of the control piston (3) for closing the outlet valve (42, 43), in that a nozzle is arranged in the pneumatic connection between the acceleration control valve (9, 13) and the chamber (11), and in that the control sleeve is provided with two piston faces (15 and 22) one of which, effective in the direction of lifting-off of the control sleeve from the valve packing (9), is subjected to the action of the pressure obtaining in the connection between the acceleration control valve and the nozzle, whereas the other is subjected, in opposition thereto, to the action of the pressure in the chamber.

CLASS 116F. I.C.-B66f 3/44. 137295

## MOTOR OPERATED JACK

COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-1, INDIA.

Application No. 2149/72 filed December 14, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

## 3 Claims.

A MOTOR OPERATED JACK used for unloading and loading purposes which is characterised by an electric motor (1) which rotates a cam (8) through worm gear system,

the cam (8) transforms the rotary motion of the electric motor (1) into to and fro linear motion of the supporting table (14) through a lifting arm (13) and a connecting rod (11) as shown in Fig. 1.

**CLASS 129G+H & 206E, I.C.-B21C 51/00. 137296  
METHOD AND APPARATUS FOR ELECTRICAL  
DISCHARGE MACHINING OF AN ELECTRICALLY  
CONDUCTIVE WORKPIECE.**

COLT INDUSTRIES OPERATING CORP., OF GRIFFITH ROAD, P.O. BOX 2227, DAVIDSON, NORTH CAROLINA, 28036, UNITED STATES OF AMERICA.

Application No. 77/Cal/73 filed January 10, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

#### 17 Claims.

The method of electrical discharge machining of an electrically conductive workpiece by providing a series of machining power pulses thereto across a dielectric filled gap in the work piece comprising the steps of :

(a) providing a group of machining power pulses across the machining gap at a predetermined on and off time;

(b) periodically extending the off time between groups of said pulses to provide an off time which is substantially greater than the normal predetermined off time; and

(c) subsequently returning the pulses of said groups to their predetermined on and off time.

**CLASS 13A & 136K, I.C.-B29d 31/00, B31b 43/00. 137297  
METHOD AND DEVICE FOR MANUFACTURING  
PLASTIC BAGS IN A CONTINUOUS WAY.**

WAVIN B.V., OF 251, HANDELLAAN, ZWOLLE, THE NETHERLANDS.

Application No. 1570/Cal/73 filed July 5, 1973.

Convention date March 7, 1973 (11212/73) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 9 Claims.

Method for manufacturing plastic bags in a continuous way by operating a sealing member upon guided tubular foil of thermoplastic material, whereupon the bag formed is either separated from the foil band or perforations are made in the vicinity of a sealed joint or a sealed joint to be formed for separating a bag, characterised in that a heated sealing member is operated substantially without a counter pressure upon a non-tensioned tubular foil, this heated sealing member being removed after the surfaces to be connected have been softened, whereupon the parts to be sealed together are introduced between two presser rollers cooperating under pressure, whereas the surface of at least one of those rollers is kept at a temperature below the softening point of the thermoplastic material, and preferably at or below 50°C and more preferably at or below ambient temperature.

#### OPPOSITION PROCEEDINGS

##### (1)

An opposition has been entered by Concord Lighting (India) Pvt. Ltd. to the grant of a patent on application No. 136513 made by Philips India Limited.

##### (2)

An opposition has been entered by Concord Lighting (India) Pvt. Ltd. to the grant of a patent on application No. 136514 made by Philips India Limited.

##### (3)

An opposition has been entered by Concord Lighting (India) Pvt. Ltd. to the grant of a patent on application No. 136515 made by Philips India Limited.

#### PRINTED SPECIFICATION PUBLISHED

A limited number of printed copies of the undenoted specifications are available for sale from the Officer-in-Charge, Government of India, Central Book Depot, 8, Hastings Street, Calcutta, at two rupees per copy :—

##### (1)

123515 123615 123653 123658 123675 123708 123744 123752  
123772 123789 123808 123820 123824 123836 123942 123990  
124093 124112 124122 124289 124353 124652 124738 124970  
124999 125024 125029 125039 125062 125067 125068 125088  
125089 125092 125108 125280 125281 125291 125301 125338  
125561 125601 125605 125607 125651 125761 125831 126157  
126197 126308 126671 126839 126979 127027 127203 127324  
127325 127604 127605 127616 127879 127924 128003

##### (2)

111323 120042 120356 120369 120416 120442 120468 120473  
120482 120489 120496 121192 121527 121838 121852 121854  
121855 121856 121864 121924 121933 121954 121963 121990  
122025 122098 122178 122247 122286 122430 122938 123212  
123226 123278 123289 123429 123936 124556 124713 124872  
124886 125105 128809 128810 128811 128812 128813

##### (3)

92009 92996 104837 107697 113721 113812 116359 117087  
120168 123614 125252 127770 135289

##### (4)

80852 81966 85121 88968 89325 89685 90411 91601 92497  
92573 93988 98107 101111 104012 105872 107934 111283  
113305 113719 114805 115898 116899 118607 127532 128533  
133074 133317 136069

#### PATENTS SEALED

79617 83744 89273 91227 101244 106916 122747 123694  
126525 130203 134201 134628 134694 134980 135153 135602  
135825 135906 135964 135973 135997 136054 136124

#### AMENDMENT PROCEEDINGS UNDER SECTION 57

##### (1)

Notice is hereby given that Joachim Schmidt, of Weilstrasse 22,637 Oberursel, West Germany and Martin Unruh, of Varnstroekstrasses 30,763 Lahr/Suiz, West Germany both German Nationality, have made an application under Section 57 of the Patents Act, 1970, for amendment of specification of their application for Patent No. 136718 for "Improvements in or relating to copy paper". The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214 Acharya Jagadish Bose Road, Calcutta-17 on any working day during the usual office hours or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition, it shall be left within one month from the date of filing the said notice.

In pursuance of an application under Section 44 of the Patents Act, 1970, Patent No. 128082 has been amended by substituting the name, nationality and address of THE ANACONDA COMPANY with which the grantees ANACONDA WIRE AND CABLE COMPANY have merged.

REGISTRATION OF ASSIGNMENTS, LICENCES, ETC.  
(PATENTS)

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests :—

70092.—  
79008.—  
81564.—  
83133.— M/s. Tetra Pak International AB.  
83134.—  
86166.—  
86580.—  
88934.—  
91389.—M/s. Dixon Industries Corporation.  
118442.—M/s. American Cyanamid Company.  
134061.—M/s. Electronor Corporation.

PATENTS DEEMED TO BE ENDORSED WITH  
THE WORDS "LICENCES OF RIGHT"

The following patents are deemed to have been endorsed with the words "Licences of right" under Section 37 of the Patents Act, 1970. The dates shown in the crescent brackets are the dates of the patents.

No.	Title of the invention
125038 (28-1-70)	Improvements in wet pelletizing process of pulverulent materials and apparatus thereto.
125500 (27-2-70)	Stabilized pesticidal preparations.
125988 (30-3-70)	Isopropylidineaminoethanol salt of p-nitrobenzene sulfonylurea and herbicidal compositions containing the same.
126062 (6-4-70)	An improved method for the removal of vanadium from vanadium pig iron.
126104 (12-4-69)	Process for the extraction of glyceride oils.
126200 (14-4-70)	Process for the manufacture of methyl or ethyl chloride from methyl or ethyl acetate.
126202 (14-4-70)	A method of producing prilled ammonium nitrate calcium carbonate mixed fertilisers.
126253 (18-4-70)	A process for the preparation of vat dye-stuffs.
127071 (15-6-70)	Process of removing sulfur dioxide from a gas containing same.

## RENEWAL FEES PAID

71961 72194 72398 72324 72404 76516 76639 76688 76738  
77017 77106 77149 77250 77264 77302 77382 77515 77516  
77774 77857 77887 78452 80577 81769 82215 82269 82487  
82575 82693 82798 82847 82922 83166 83279 84510 87295  
87435 87917 88273 88288 88448 88457 88477 88480 88536  
88544 88588 88601 88613 89303 93570 93680 93773 93854  
93920 94041 94077 94369 94370 94500 94722 94748 94779  
96816 97410 99349 99588 99591 99655 99656 99657 99710  
99748 99794 99848 99879 99927 99933 99957 99967 99978  
99979 100075 100076 100098 100136 100138 100139 100240  
100289 100323 100862 102452 103050 105274 105277 105398  
105415 105474 105545 105597 105659 105682 105783 105795  
105891 105904 105919 106005 106939 108370 109610 109782  
110320 110433 110596 110701 110720 110750 110751 110752  
110766 110772 110802 110805 110834 110835 110876 110940  
110988 111001 111035 111044 111054 111059 111096 111119  
111165 111217 111250 111258 111354 111720 115243 115453  
115538 115568 115572 115806 115807 115811 115890 115935  
116034 116051 116064 116150 116199 116204 116209 116210

116292 116327 116332 116353 116372 116431 116552 116590  
117623 119526 119527 119915 120251 120719 120944 121125  
121268 121285 121323 121375 121446 121458 121463 121500  
121502 121555 121569 121636 121641 121688 121704 121718  
121818 121833 121834 121835 121836 121837 121838 121854  
121855 121856 121864 121915 121926 121933 121942 121962  
121974 121976 122517 122697 122765 122989 123442 124058  
124812 125206 125652 125731 126127 126260 126440 126540  
126568 126587 126673 126709 126808 126902 126908 126934  
126971 127008 127030 127033 127056 127074 127075 127077  
127083 127098 127129 127130 127131 127132 127133 127134  
127135 127168 127185 127197 127223 127250 127259 127260  
127274 127284 127583 127856 127946 127947 128330 128610  
129139 129488 129540 129966 130447 131156 131317 131332  
131347 131348 131422 131472 131473 131535 131569 131589  
131591 131602 131612 131644 131684 131747 131748 131772  
131779 131803 131828 131840 131852 131857 131858 131885  
131938 131939 131992 132184 132186 132337 132365 132895  
133204 133505 133748 133946 133960 134076 134326 134327  
134391 134517 134533 134534 134580 134662 134881 134924  
134976 134999 135165 135203 135227 135250 135276 135285  
135294 135342 135367 135497 135530 135537 135630 135700  
135748 135762 135818 135822 135836 135840 135844 135869  
135878 135910 135914 135916 135934 135936 135948 135950  
135992 136002 136005 136007 136020 136299 136341 136368  
136514 136515.

## CESSATION OF PATENTS

125700 125789 125917 125964 125995 126034 126229 126230  
126245 126272 126301 126333 126421 126479 126500 126618  
126744 126753 126925 126991 127018 127068 127107 127115  
127158 127184 127242 127267 127342 127413 127421 127441  
127446 127459 127463 127554 127560 127561 127603 127622  
127633 127678 127679 127680 127704 127723 127754 127792  
127830 127878 127957 127975 127998 128066 128171.

REVOCATION OF PATENTS  
SECTION 64

Patent No. 99371 has been revoked by an order dated the 3rd May, 1974 of the Division Bench of the High Court at Allahabad in Special Appeal No. 754 of 1970 arising out of appeal from the order of a single Judge of the said High Court dated the 27th August, 1970 in a suit No. 2 of 1969 for infringement of the Patent under Section 29 of the Indian Patents and Designs Act, 1911 by which permanent injunction was granted against Shining Industries & anr.

## RESTORATION PROCEEDINGS

(1)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 95597 granted to Rasiklal Gandalal Khokhani subsequently assigned to Bhupatrai Keshavlal Doshi for an invention "Improvements in or relating to a method of manufacturing a sandwiching element. The patent ceased on the 10th September, 1974 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2, dated the 7th June, 1975.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 14th August, 1975 under Rule 69 of the Patents Rules 1972. A written

statement in triplicate setting out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(2)

Notice is hereby given that an application for restoration of Patent No. 135428 dated the 26th April, 1972 made by Thomas Walker Limited on the 6th December, 1974 and notified in the Gazette of India, Part III, Section 2, dated the 22nd February, 1975 has been allowed and the said patent restored.

(3)

Notice is hereby given that an application for restoration of Patent No. 134237 dated the 10th January, 1972 made by Srinivasan Mani on the 31st December, 1974 and notified in the Gazette of India, Part III, Section 2, dated the 22nd February, 1975 has been allowed and the said patent restored.

(4)

Notice is hereby given that an application for restoration of Patent No. 134238 dated the 10th January, 1972 made by Srinivasan Mani on the 31st December, 1974 and notified in the Gazette of India, Part III, Section 2, dated the 22nd February, 1975 has been allowed and the said patent restored.

(5)

Notice is hereby given that an application for restoration of Patent No. 133356 dated 26th October, 1971 made by Pfizer Inc., on the 16th December, 1974 and notified in the Gazette of India, Part III, Section 2, dated the 22nd February, 1975 has been allowed and the said patent restored.

(6)

Notice is hereby given that an application for restoration of Patent No. 133924 dated 13th December, 1971 made by Investors In Ventures, Inc., on the 16th December, 1974 and notified in the Gazette of India, Part III, Section 2 dated the 22nd February, 1975 has been allowed and the said patent restored.

#### REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in each entry is the date of registration of the design included in the entry.

Class 1. Nos. 142403 & 142404. Ceesham Traders, Seksaria Industrial Estate, 2nd floor, chincholi, Swami Vivekanand Road, Malad, Bombay-64, Maharashtra State, India. An Indian Partnership firm. "Wheel Cap". November 4, 1974.

Class 1. Nos. 142409 & 142410. Unik Metal Works, Indian proprietary concern, 155, Bapty Road, Two Tanks, Bombay-400 008, Maharashtra, India. "Bruners". November 6, 1974.

Class 1. No. 142411. Unik Metal Works, Indian proprietary concern 155, Bapty Road, Two Tanks, Bombay-400 008, Maharashtra, India. "Burner Ring". November 6, 1974.

Class 1. No. 142425. Damodar Raia Camotim Sancoalcar, An Indian of Damsan Near Secretariat, Panjim, Goa, India. "Toy". November 12, 1974.

Class 1. No. 142481. Punjab Metals, 306, Lotus House, New Marine Lines, Bombay, Maharashtra, India. An Indian proprietary firm. "Skewers". December 6, 1974.

Class 1. No. 142482. Punjab Metals, 306, Lotus House, New Marine Lines, Bombay, Maharashtra, India. An Indian proprietary firm. "Salt and pepper containers". December 6, 1974.

Class 1. No. 142483. Punjab Metals, 306, Lotus House, New Marine Lines, Bombay, Maharashtra, India. An Indian proprietary firm. "Chaffer". December 6, 1974.

Class 1. No. 142490. Unik Metal Works, Indian proprietary concern, 155, Bapty Road, Two Tanks, Bombay-400 008, Maharashtra, India. "Burners". December 11, 1974.

Class 1. No. 142579. Shinko Automac Co., B-19, Gujarat Society, Nehru Road, East Vile Parle, Bombay-400 057 Maharashtra State, An Indian partnership concern. "Fog & Spot lamp for automobiles". December 30, 1974.

Class 1. No. 142580. Shinko Automac Co., B-19 Gujarat Society, Nehru Road, East Vile Parle, Bombay-400 057, Maharashtra State, An Indian partnership concern. "Reflector for Automobiles". December 30, 1974.

Class 1. No. 142593. K. K. Industry, A 770 Nabi Karim, Delhi. An Indian proprietorship concern. "A box". January 1, 1975.

Class 1. No. 142608. Om Parkash, An Indian National, trading as Parkash Hardware, 5620-Basant Road, Pahar Ganj, New Delhi. "Steel Shelf Bracket". January 9, 1975.

Class 1. No. 142632. Mehta Engineering Enterprise, An Indian Registered partnership firm, having its office at, Saki Vihar Road, B. D. Joshi Bldg., Powai, Bombay-400072, Maharashtra, India. "Bracket for mechanical switch position indicator." January 13, 1975.

Class 1. No. 142671. Bharat Harmonica Industries, An Indian partnership firm, of Bhuptani Building, Gondal Road, Rajkot-2, Rajasthan, India. "Harmonica". January 28, 1975.

Class 3. No. 142279. Tilakraj Bhutani, An Indian of 9, Motilal Nehru Nagar, Bhilai (M.P.), "Safety Razor". September 30, 1974.

Class 3. No. 142377. Shantilal & Bros. (Mfg. Dept.) of 114-B, Kandivali Industrial Estate, Kandivali (West), Bombay-400 067, Maharashtra, India, An Indian partnership firm. "Lamp shade". October 29, 1974.

Class 3. No. 142563. Minni Trading Corporation, 6, Fateh Nivas, Goraswadi, Malad, Bombay-64, Maharashtra, An Indian partnership firm. "Decanter with cap". December 28, 1974.

Class 3. No. 142581. Murphy India Limited, An Indian company existing under the Companies Act, 1956, having its address at Eastern Express Highway, Thana, State of Maharashtra, India. "A radio-cum-transistor case". December 31, 1974.

Class 3. No. 142612. Supreme Plastico Private Ltd., of 7 Anand Industrial Estate, Mohan Nagar, Ghaziabad, U.P., India. A Company incorporated in India. "Sole and heel for shoe". January 10, 1975.

Class 3. Nos. 142627 & 142629. Murshed Ali Khan, An Indian citizen, residing at—516, Khambatla Building, Room No. 14, 2nd floor, Victoria Garden Road, Corner J. J. Hospital, Bombay-8, Maharashtra, India. "Container". January 13, 1975.

Class 3. No. 142639. Jagmohan Purshottamdas Mehta. A 50/I, Naraina residence; D.D.A. Flats, New Delhi-28, An Indian "Drinking water purifier". January 15, 1975.

Class 3. No. 142670. Gista, An Indian partnership firm, of Jhaveri House, 348, Abdul Rehman Street, Bombay-400 003, Maharashtra, India. "Revolving lamp". January 28, 1975.

Class 3. No. 142681. N. V. Philips' Gloeilampenfabrieken. A limited liability Company organized and established under the laws of the Kingdom of the Netherlands, of Emmasingel 29, Eindhoven, Holland. "A dry shaver". December 4, 1974 (U.K.)

Class 3. No. 142682. Jetking Electronics, 350, Lamington Road, Near Police Station, Bombay-400007, Maharashtra State, India. An Indian partnership firm. "Transistor cabinet". January 31, 1975.

Class 10. No. 142611. Supreme Plastico Private Ltd., of 7, Anand Industrial Estate, Mohan Nagar, Ghaziabad, U.P., India. A company incorporated in India. "Foot wear". January 10, 1975.

**COPYRIGHT EXTENDED FOR A SECOND PERIOD OF FIVE YEARS.**

Design Nos. 134550 & 137542—Class 3.

**COPYRIGHT EXTENDED FOR A THIRD PERIOD OF FIVE YEARS.**

Design No. 123692—Class 13.

**NAME INDEX FOR APPLICANTS FOR PATENTS FOR THE MONTH OF APRIL, 1975 (NOS. 645/Cal/75 to 880/Cal/75, 85/Bom/75 to 118/Bom/75 and 52/Mas/75 to 67/Mas/75.**

*Name & Appln. No.*

— A —

Adhya, J. (Dr.)—827/Cal/75.

Agrogen India (A proprietary Concern.)—54/Mas/75.

Agrotechnika, n.p. podnikové riaditelstvo.—803/Cal/75.

A. H. Robins Co., Inc. Aiti, G.—745/Cal/75, 848/Cal/75.

Akademia Medyczna We Wroclawiu.—842/Cal/75.

Aktiebolaget Svenska Flaktfabriken.—727/Cal/75.

Aktiebolaget Tudor.—821/Cal/75.

Alcan Research and Development Ltd.—841/Cal/75.

Alloy Steels Plant, Hindustan Steel Ltd.—750/Cal/75, 751/Cal/75.

Aluminium Pechiney.—706/Cal/75.

Aluminum Company of America.—723/Cal/75.

Amsted Industries Inc.—716/Cal/75, 795/Cal/75.

Apex Packaging Co. (Swansea) Ltd.—877/Cal/75.

Armco Steel Corp.—807/Cal/75.

Asca Electric India, Private Ltd.—90/Bom/75.

Asian Explosives.—115/Bom/75.

Ayyar, K. S.—55/Mas/75.

— B —

Bagger-EN Constructiebedrijf Johan Klip B.V.—859/Cal/75.

Balavenkataraman, B.—65/Mas/75.

Barve, P. K.—117/Bom/75.

BASF Aktiengesellschaft.—759/Cal/75, 879/Cal/75.

Bassani S.p.A.—834/Cal/75.

Bayer Aktiengesellschaft.—707/Cal/75, 712/Cal/75, 739/Cal/75, 764/Cal/75, 765/Cal/75, 840/Cal/75.

Beecham Group Ltd.—743/Cal/75.

*Name & Appln. No.*

B—(Contd.)

Bhagat Engineering Co., Pvt., Ltd.—801/Cal/75.

Bhardwaj, J. N.—798/Cal/75.

Bhome, S. G.—116/Bom/75.

Bongirwar, S. V.—94/Bom/75.

— C —

Calamani, S.—675/Cal/75.

Canadian Industries Ltd.—690/Cal/75.

Caterpillar Tractor Co.—796/Cal/75, 797/Cal/75.

Cegedur Societe De Transformation De L' Aluminium Pechiney.—768/Cal/75.

Central Council for Research in Indian Medicine and Homoeopathy, Director, The.—799/Cal/75.

Chakrabarti, A. K. (DR.)—721/Cal/75.

Chakravarti, R.—93/Bom/75.

Chatterjee, J. (Prof.)—731/Cal/75.

Chemokomplex Veryipari GEPES Borendozes Export-Import Vallalat.—650/Cal/75.

Chicago Pneumatic Tool Co.—781/Cal/75.

Chinoin Gyogyszer Es Vegyeszeti Termek Gyara RT.—804/Cal/75, 846/Cal/75, 847/Cal/75.

Chloride Group Ltd.—705/Cal/75.

Ciba-Geigy of India Ltd.—101/Bom/75.

Ciba-Geigy (UK) Ltd.—737/Cal/75.

Colgate-Palmolive Co.—876/Cal/75.

Corning Glass Works.—763/Cal/75.

Cor Tech Research Ltd.—766/Cal/75, 778/Cal/75.

Council of Scientific and Industrial Research.—677/Cal/75, 678/Cal/75, 695/Cal/75, 696/Cal/75, 697/Cal/75, 698/Cal/75, 699/Cal/75, 700/Cal/75, 701/Cal/75, 702/Cal/75, 746/Cal/75, 747/Cal/75, 748/Cal/75, 749/Cal/75, 811/Cal/75, 842/Cal/75, 813/Cal/75, 836/Cal/75, 837/Cal/75, 838/Cal/75.

Cynamid India Ltd.—133/Bom/75.

— D —

Dahanukar, P. P.—92/Bom/75, 109/Bom/75.

Dahmubed, D. B.—104/Bom/E5.

Damle, S. Y. (Dr.)—97/Bom/75.

Dandekar, R. K.—769/Cal/75.

Das, P. P. (Dr.)—721/Cal/75.

Delhi Cloth & General Mills Co., Ltd.—839/Cal/75.

Delle-Alsthom.—853/Cal/75.

Director, Central Council for Research in Indian Medicine and Homoeopathy, The—799/Cal/75.

Director, Indian Institute of Technology, Bombay.—118/Bom/75.

Dorr-Oliver Inc.—735/Cal/75, 736/Cal/75.

Dow Chemical Co., The—645/Cal/75, 646/Cal/75, 647/Cal/75, 728/Cal/75, 729/Cal/75.

Dr. C. Otto & Comp. GMBH.—717/Cal/75, 718/Cal/75.

Dresser Industries, Inc.—815/Cal/75.

DSO "PHARMACHIM"—719/Cal/75.

*Name & Appln. No.*

— E —

Elkem-Spigerverket A/S.—657/Cal/75.  
 Engelhard Minerals & Chemicals Corp.—724/Cal/75.  
 Expert Industrial Controls Ltd.—653/Cal/75.

— F —

Fabricacion Continua De Elementos Huecos, S.A. Facehause.—648/Cal/75.  
 Fiedler, H. (Dr.)—691/Cal/75.  
 Firestone Tire & Rubber Co., The—771/Cal/75, 826/Cal/75.  
 Fisons Ltd.—773/Cal/75.  
 Fisons Pharmaceuticals Ltd.—734/Cal/75.  
 Frohlich, C. (Dr.)—691/Cal/75.

— G —

Gera, R. N.—722/Cal/75.  
 Girling Ltd.—680/Cal/75, 713/Cal/75, 794/Cal/75, 808/Cal/75, 819/Cal/75.  
 Goodyear Tire & Rubber Company, The—854/Cal/75.  
 Goyal, V. M.—767/Cal/75.  
 Guin, S. K.—703/Cal/75.  
 Gulf Research & Development Co.—649/Cal/75.  
 Gupta, A. R.—676/Cal/75.  
 Gupta, G. K.—676/Cal/75.

— H —

Harlharan, P. V.—62/Mas/75.  
 Hitachi, Ltd.—779/Cal/75.  
 Ho, C. M.—843/Cal/75.  
 Hoechst Aktiengesellschaft.—654/Cal/75, 666/Cal/75, 667/Cal/75, 670/Cal/75, 671/Cal/75, 828/Cal/75.  
 Hoechst Pharmaceuticals Ltd.—107/Bom/75, 108/Bom/75.  
 Hollandse Signaalapparaten B. V.—780/Cal/75.  
 Hooker Chemicals & Plastics Corp.—682/Cal/75.

— I —

IBM World Trade Corp.—741/Cal/75.  
 ICI Australia Ltd.—694/Cal/75.  
 Imam, M.—114/Bom/75.  
 Imperial Chemical Industries Ltd.—689/Cal/75, 714/Cal/75, 753/Cal/75, 754/Cal/75, 792/Cal/75, 793/Cal/75, 864/Cal/75.  
 Indian Institute of Technology, Bombay, Director.—118/Bom/75.  
 International Business Machines Corp.—651/Cal/75.  
 Inventia, A.G. Fur Forschung Und Patentverwertung.—661/Cal/75.  
 Ion Exchange (India) Ltd.—103/Bom/75.  
 I.S.F. S.P.A.—740/Cal/75.  
 Israel Chemicals Ltd.—824/Cal/75.

— J —

Joseph Lucas Ltd.—772/Cal/75.

*Name & Appln. No.*

— K —

Kagalwala, A.—112/Bom/75.  
 Kagalwala, R. (Riaz)—112/Bom/75.  
 Kagalwala, R. (Rashid).—112/Bom/75.  
 Kamaluddin, M. K.—66/Mas/75.  
 Kamra, G. M.—870/Cal/75.  
 Kane, H. V.—106/Bom/75.  
 Kaptron, Inc.—791/Cal/75.  
 Karail, V. N.—844/Cal/75.  
 Karapurkar, P. D.—88/Bom/75.  
 Karmakar, R. N.—872/Cal/75.  
 Khare, D. P.—733/Cal/75.  
 Knorr-Bremse GMBH.—757/Cal/75.  
 Konijn Machinebouw B. V.—859/Cal/75.  
 Konnur, V. G.—105/Bom/75.  
 Kumar, A.—733/Cal/75.  
 Kumar, L.D.A. (Sm.)—64/Mas/75.

— L —

Lefevre, H. (Dr.)—691/Cal/75.  
 Lucas Electrical Company Ltd., The—863/Cal/75, 865/Cal/75, 866/Cal/75.  
 Lucas Industries Ltd.—738/Cal/75.

— M —

Macfarlan Smith Ltd.—668/Cal/75.  
 Machinery Manufacturers Corporation Ltd.—755/Cal/75, 756/Cal/75.  
 Mahalingam, M. S.—57/Mas/75.  
 Maheta, M. J.—87/Bom/75.  
 Marathe, R.B.—86/Bom/75.  
 Marathe Research Foundation.—110/Bom/75.  
 Martin, W.A.—692/Cal/75.  
 Mathew, A.M.—67/Mas/75.  
 Mehta, H.V.—85/Bom/75.  
 Merlin Gerin.—720/Cal/75.  
 Metallgesellschaft Aktiengesellschaft.—674/Cal/75, 782/Cal/75.  
 Mining and Allied Machinery Corporation Ltd.—850/Cal/75.  
 Mistry, P.C.L.—732/Cal/75.  
 Mitsui Toatsu Chemicals, Inc.—880/Cal/75.  
 Monsanto Co.—878/Cal/75.  
 Morel, R.—814/Cal/75.  
 Mukherjee, B. K.—858/Cal/75.  
 Mukherjee, P.C. (Dr.)—118/Bom/75.

## Name &amp; Appln. No.

— N —

National Car Rental System, Inc.—662/Cal/75.  
 Navakodi, S A R.—52/Mas/75.  
 Neff, G N.—693/Cal/75.  
 Nigan, B.—871/Cal/75.  
 Nikex Nobezipani Kulkereskedelmi Vallalat.—664/Cal/75.  
 North American Philips Corp.—669/Cal/75.  
 N R M Corp.—744/Cal/75.  
 N.V. Philips' Gloeilampenfabrieken.—761/Cal/75.

— P —

Parkinson Cowan GMB Ltd.—684/Cal/75.  
 Personal Products Co.—673/Cal/75.  
 Pfizer Corp.—681/Cal/75.  
 Pfizer Inc.—659/Cal/75, 775/Cal/75.  
 Pilkington Brothers Ltd.—790/Cal/75.  
 Plurichemie Anstalt.—760/Cal/75.  
 Pont-A-Mousson S.A.—652/Cal/75, 660/Cal/75, 875/Cal/75.  
 Prasad, V.S.—733/Cal/75.

— R —

Rajinderkumar.—111/Bom/75.  
 Ramalingam, N K.—53/Mas/75.  
 Ranade, V.S.—97/Bom/75.  
 Rao, T K R.—59/Mas/75.  
 RCA Corp.—762/Cal/75, 770/Cal/75, 851/Cal/75.  
 Refratechnik Albert GmbH.—688/Cal/75.  
 Rhone-Poulenc Industries.—656/Cal/75, 752/Cal/75.  
 Rist's Wires & Cables Ltd.—806/Cal/75, 816/Cal/75, 817/Cal/75, 818/Cal/75.  
 Riva Calzoni S.p.A.—805/Cal/75.  
 R.M. Arora & Son (H.U.P.)—822/Cal/75.  
 Roy, L.C.—873/Cal/75.

— S —

Saab-Scania Aktiebolag.—776/Cal/75, 777/Cal/75.  
 Saha, M.K.—861/Cal/75.  
 Saha, S.P.—849/Cal/75.  
 Saint-Gobain Industries.—867/Cal/75.  
 Samonov, V.T.—687/Cal/75.  
 Sarabhai International Private Ltd.—96/Bom/75.  
 Sarkar, T.—683/Cal/75.  
 Sathe, S.D.—91/Bom/75.  
 Savio, E.—675/Cal/75.  
 Scharfenbergkupplung G.M.B.H.—742/Cal/75.  
 Schneider, W. (Dr.)—691/Cal/75.  
 Scooters India Ltd.—832/Cal/75.  
 Seshadri, K.—63/Mas/75.  
 SF India Ltd.—860/Cal/75.  
 Shah, K.S.—89/Bom/75.

## Name &amp; Appln. No.

— (Contd.)

Sheritt Gordon Mines Ltd.—685/Cal/75.  
 Shree Cosmetics.—102/Bom/75.  
 Siemens Aktiengesellschaft.—783/Cal/75, 820/Cal/75, 829/Cal/75, 830/Cal/75, 831/Cal/75, 845/Cal/75, 868/Cal/75, 869/Cal/75.  
 Sir James Farmer Norton & Company Ltd.—665/Cal/75.  
 SKF Compagnie D'Applications Mecaniques.—856/Cal/75.  
 Smithkline Corp.—774/Cal/75.  
 Societa Italiana Resine S.I.R. S.p.A.—789/Cal/75.  
 Societe De Vente De L' Aluminium Pechiney.—768/Cal/75.  
 Societe D'Exploitation Des Procedes Marechal S.E.P.M.—686/Cal/75.  
 Societe Vendeeenne D'Applications Des Plastiques known as S.O.V A.P. S.A.—810/Cal/75.  
 Som, P. K. (Prof.)—731/Cal/75.  
 Sood, R.K.—833/Cal/75.  
 Spetsialnoe Konstruktorskoe Bjuro "Transnefteav-Tomatika".—823/Cal/75.  
 Spiroll Corporation Ltd.—784/Cal/75, 785/Cal/75.  
 Standard Oil Co., The—809/Cal/75.  
 Staubli Ltd.—709/Cal/75, 710/Cal/75, 711/Cal/75.  
 Stauffer Chemical Co.—758/Cal/75.  
 Szembanyak, T.—650/Cal/75.

— T —

Taru Motors.—99/Bom/75, 100/Bom/75.  
 Taurus Gumiipari Vallalat.—787/Cal/75.  
 Teecee General Industries (Pvt.) Ltd.—874/Cal/75.  
 Texaco Development Corp.—800/Cal/75.  
 Textile and Allied Industries Research Organisation, The—95/Bom/75.  
 Thyssen Niederrhein AG Huttenund Walzwerke.—725/Cal/75, 726/Cal/75.  
 Toyama Chemical Co. Ltd.—852/Cal/75.  
 Tsentralny Nauchno-Issledovatel'sky Institut Gematologii I Perelivaniya Krovi.—704/Cal/75.  
 Turri, E.—675/Cal/75.

— U —

Union Carbide Corp.—708/Cal/75, 857/Cal/75.  
 Universal Oil Products Co.—658/Cal/75, 713/Cal/75.  
 USS Engineers and Consultants, Inc.—855/Cal/75.

— V —

Vandervell Products Ltd.—679/Cal/75.  
 Vereinigte Österreichische Eisenund Stahlwerke-Alpine Montan Aktiengesellschaft.—825/Cal/75.  
 Vijayarangam Naidu, B.S.—56/Mas/75.  
 Vish Minno-Geologiski Institute—Nis.—663/Cal/75.  
 Vsesojuzny Nauchno-Issledovatel'sky Institut Elektri Fikatsii Sel'skogo Khozyaistva.—655/Cal/75.  
 Vsesojuzny Nauchno-Issledovatel'sky Institut Gidro-Tekhniki I Melioratsii Imeni A.N.—835/Cal/75.

Name & Appn. No.	Name & Appn. No.
V—(Contd.)	Wellcome Foundation Ltd., The—788/Cal/75.
Vsesojuzny Nauchno-Issledovatelsky Institut Ispolzovania Gaza V Narodnom Khozyaistve, Podzemnogo Knranenia Nefti, Nefteproduktov iszhizhennykh Gazov "Vniipromgal"—802/Cal/75.	Westinghouse Electric Corp.—862/Cal/75.
Vulcan-Lavel Ltd.—98/Bom/75.	Wheelabrator-Frve Inc.—730/Cal/75.
—W—	W.S. Insulators of India Ltd.—58/Mas/75.
Waterbury, N.J.—786/Cal/75.	—Y—
Water Development Society.—60/Mas/75, 61/Mas/75.	Yardeny Co.—672/Cal/75.

S. VEDARAMAN,

Controller-General of Patents,  
Designs and Trade Marks.